



neural network with exponential update and av

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Fast update of dynamic photorefractive optical memory

H Sasaki, J Ma, Y Fainman, SH Lee, Y Taketomi - Opt. Lett, 1992 - ol.osa.org

... mechanism has been used for **neural network** applications 6 ... index modulation Ano/Annma.-

'Using **exponential** dynamics, we ... robust readout and fast **update** of DPM. ...

Cited by 8 - [Web Search](#) - [ol.osa.org](#) - [adsabs.harvard.edu](#)

A Bayesian interpretation for the **exponential** correlation associative memory

ER Hancock, M Pelillo - Pattern Recognition Letters, 1998 - cs.york.ac.uk

... study of **neural network** models of associative mem-ory ... in pattern recall mode, the

network performs \hat{Z} ... it is linear in Hamming distance rather than **exponential**. ...

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[PS] Fast online Q ()

M Wiering, J Schmidhuber - Machine Learning, 1998 - idsia.ch

... time (Koenig and Simmons, 1996), while online RL requires **exponential** search time ... Their

update complexity depends on the values of λ and discount factor γ , and is ...

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Fast online Q (λ)

M Wiering, J Schmidhuber - Machine Learning, 1998 - springerlink.com

... time (Koenig & Simmons, 1996), while offline RL requires **exponential** search time ...

Their **update** complexity depends on the values of λ and discount factor γ ...

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An FPGA implementation of GENET for solving graph coloring problems

TK Lee, PHW Leong, KH Lee, KT Chan, SK Hui, HK ... - IEEE Symposium on FPGAs for Custom Computing Machines, IEEE ..., 1998 - ieeexplore.ieee.org

... Almost all CSPs have **exponential** time complex-ity ... Otherwise, the **neural** net learns

to avoid this ... have eliminated the possibility of **network**-wide oscillations. ...

Cited by 2 - [Web Search](#) - [doi.ieeecomputersociety.org](#) - [doi.ieeeecs.org](#) - [portal.acm.org](#) - [all 5 versions](#) »

Sequential and parallel **neural network** vector quantizers

KK Parhi, FH Wu, K Genesan - IEEE Transactions on Computers, 1994 - ieeexplore.ieee.org

... 11. SEQUENTIAL AND PARALLEL **NEURAL NETWORK** QUANTIZERS ... For the sequential **neural** algorithm, the full neighbor **update** operation is used. ...

Cited by 4 - [Web Search](#) - [doi.ieeeecs.org](#) - [doi.ieeecomputersociety.org](#) - [portal.acm.org](#) - [all 7 versions](#) »

A Recurrent **Neural Network** Approach to Virtual Environment Latency Reduction

A Garrett, M Aguilar, Y Barniv - ... of 2002 IEEE International Joint Conference on Neural ..., 2002 - ieeexplore.ieee.org

... recurrent connection gives the **network** an **exponential** "memory" of ... The Elman **network**

was implemented in Matlab 6.1 using the **Neural Network** Toolbox. ...

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NETASA: **neural network** based prediction of solvent accessibility

S Ahmad, MM Gromiha - Bioinformatics, 2002 - bioinformatics.oupjournals.org

... data for every change in a weight, **update** that weight ... a weighted sum, transforms it via a linear, sigmoidal or **exponential** 822 ... ASA prediction by **neural network** ...

[Cited by 25](#) - [Web Search](#) - bioinformatics.oupjournals.org - ingentaconnect.com - ncbi.nlm.nih.gov - [all 6 versions](#)

»

[PS] **Update Rules for Parameter Estimation in Bayesian Networks**

E Bauer, D Koller, Y Singer - UAI, 1997 - cs.huji.ac.il

... y_i), ie, the sample-based **average** of x_k i ... back into (5), we obtain the following **update** rule for ... probability space of the variables in the Bayesian **network**. ...

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A hybrid neural network-first principles approach to process modeling

DC Psychogios, LH Ungar - AIChE Journal, 1992 - doi.wiley.com

... accessibility is relaxed, and a nonlinear **exponential** ob- server ... signal that can be used to **update** the **network** ... The inputs to the **neural network** were the natural ...

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